

Figure 1

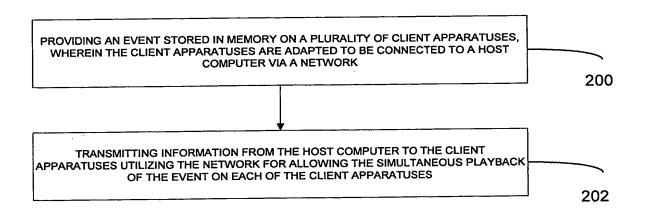


Figure 2

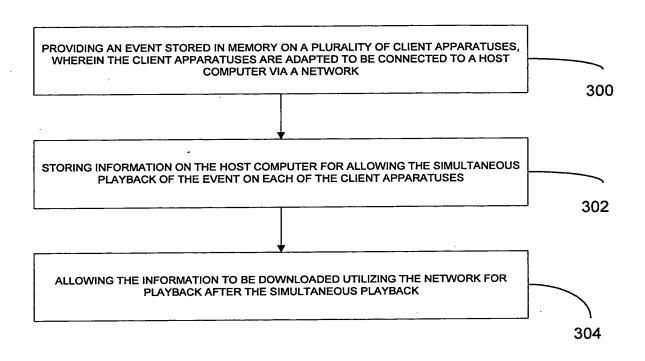


Figure 3

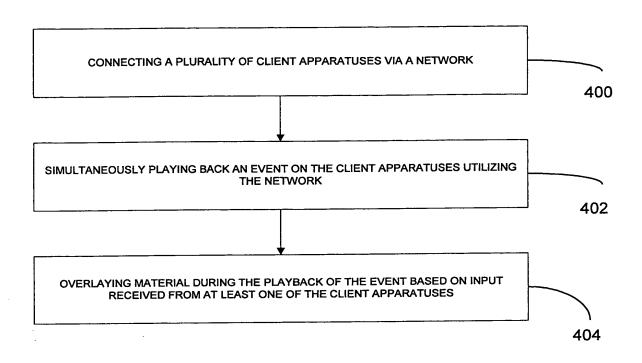


Figure 4

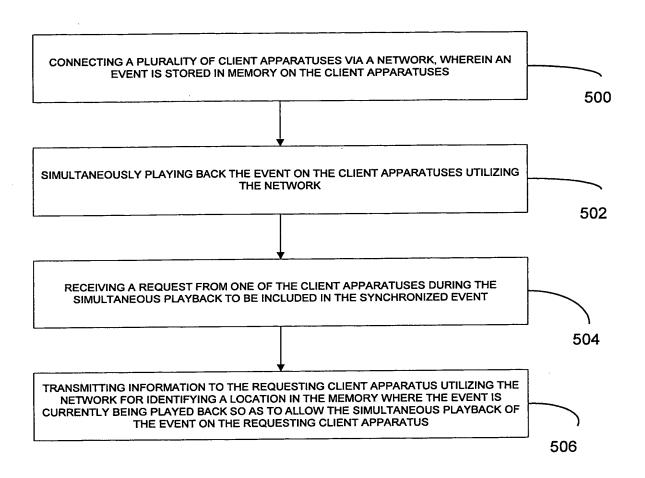


Figure 5

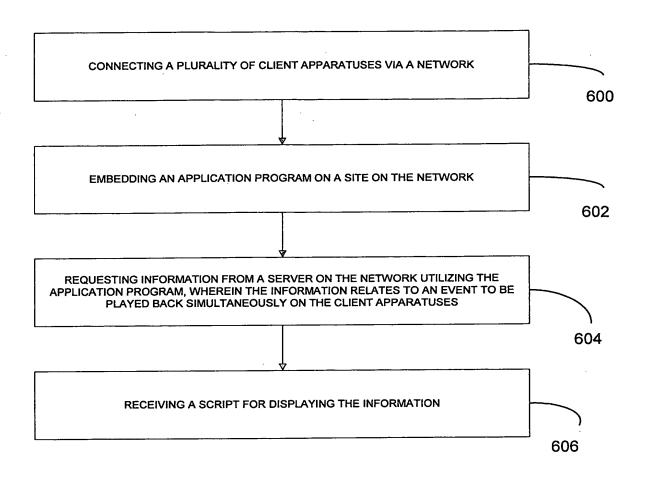


Figure 6

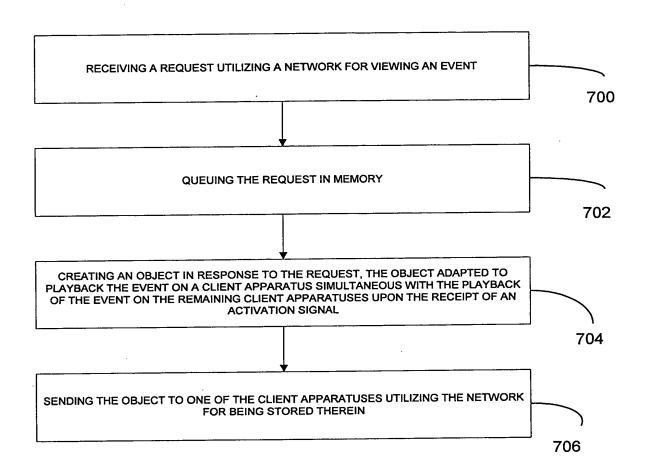


Figure 7

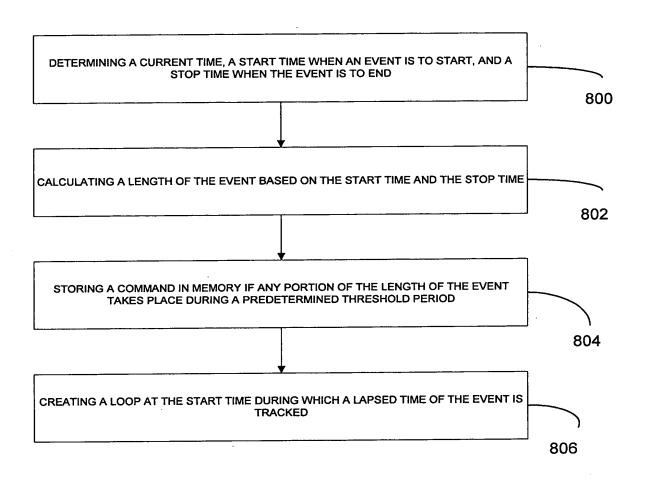


Figure 8

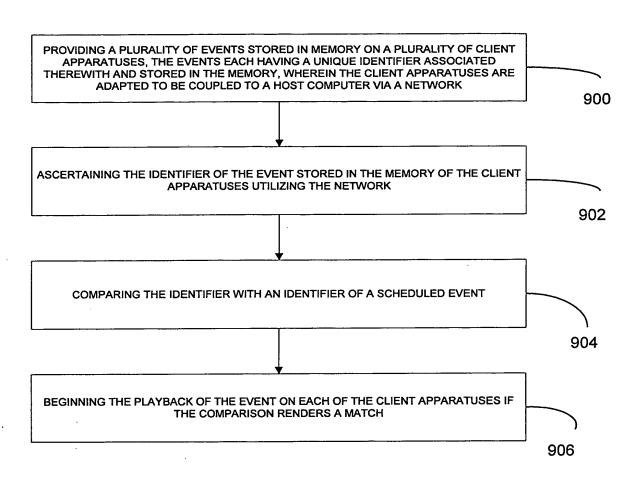


Figure 9

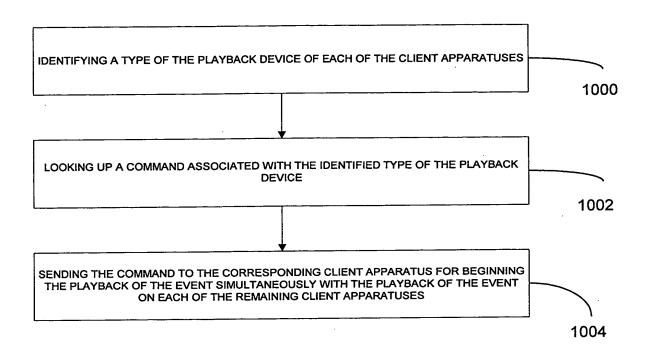
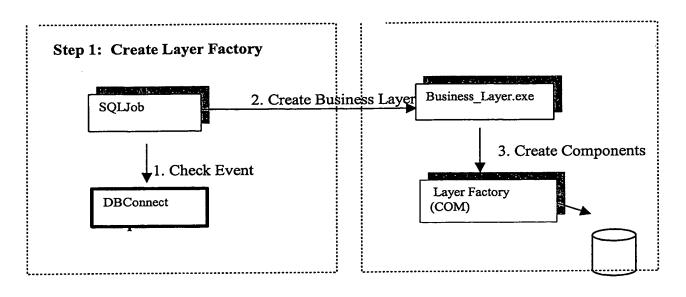


Figure 10

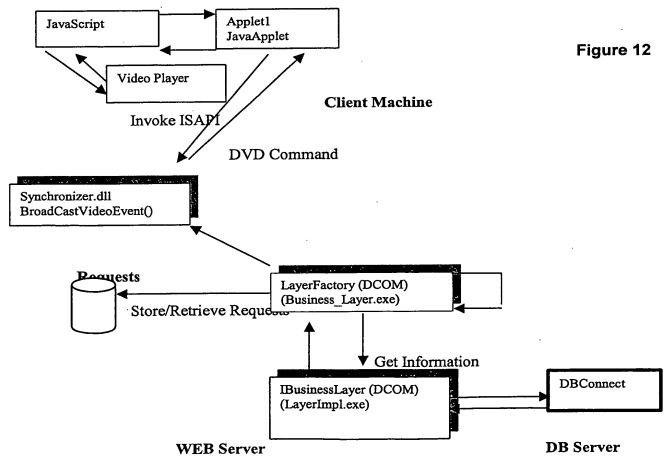


## **DATABASE SERVER**

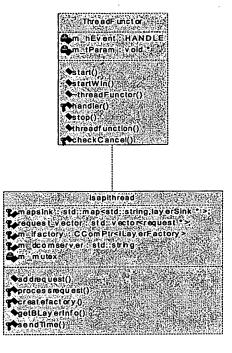
**WEB SERVER** 

Figure 11

Step 2: Process Users Request



## Synchronizer Component







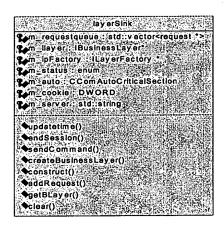
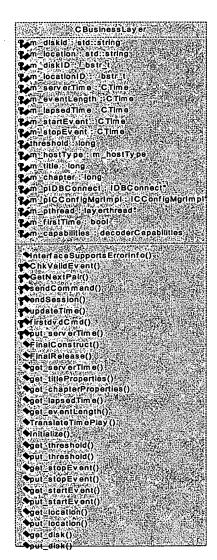


Figure 13

## LayerImpl Component







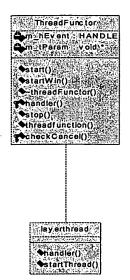


Figure 14

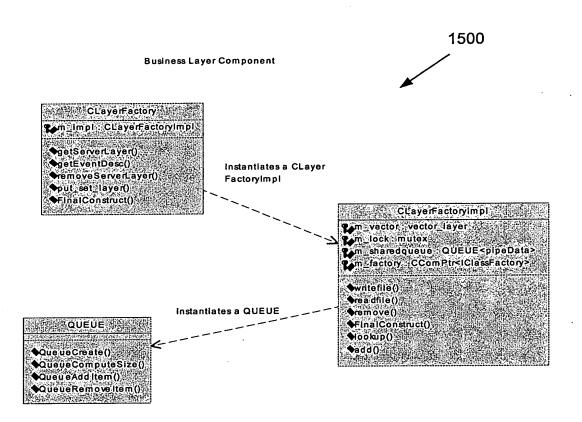


Figure 15

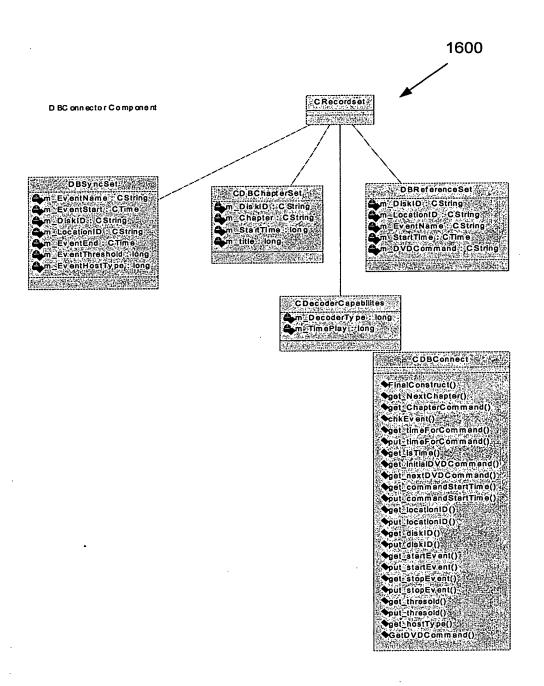


Figure 16



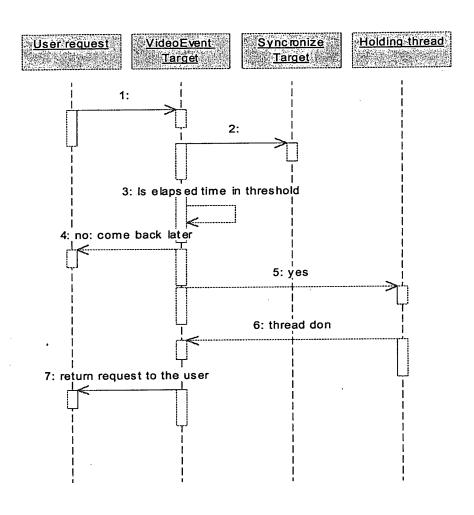


Figure 17



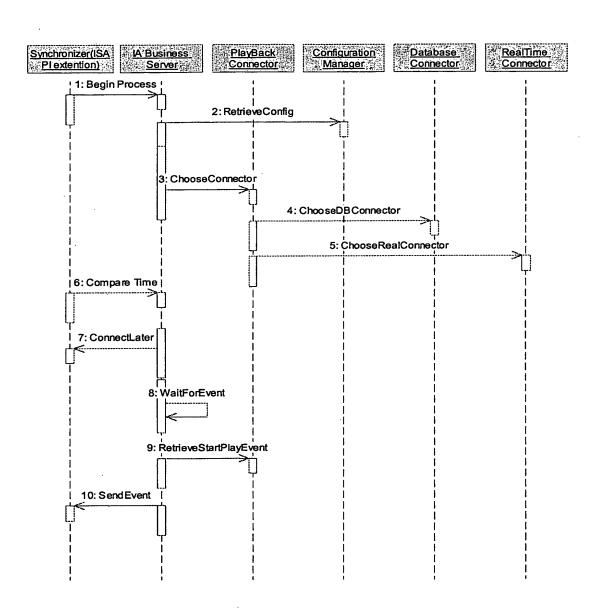


Figure 18

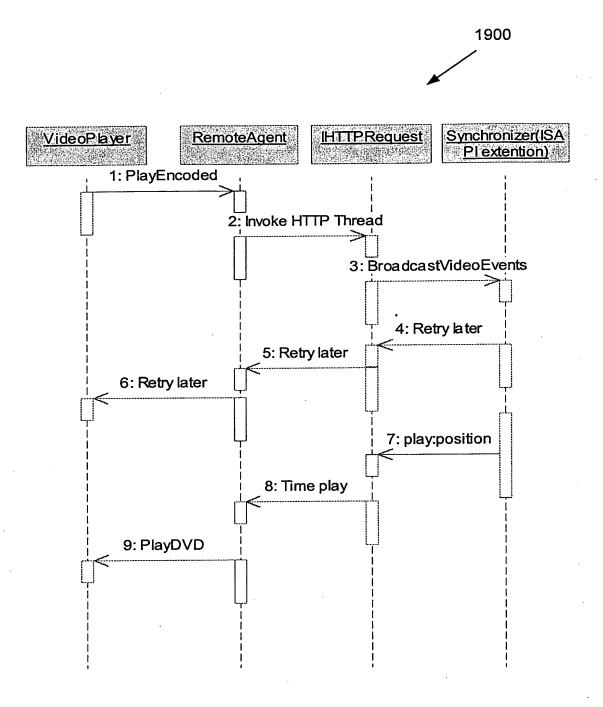


Figure 19